



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 5

Test Date: March 2009
Code: 12581763
SAU: MSAD 64
School: Morison Memorial School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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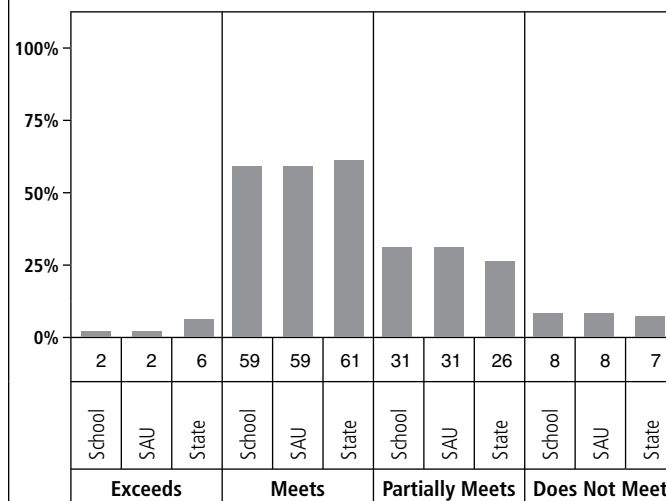
SUMMARY OF SCORES

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

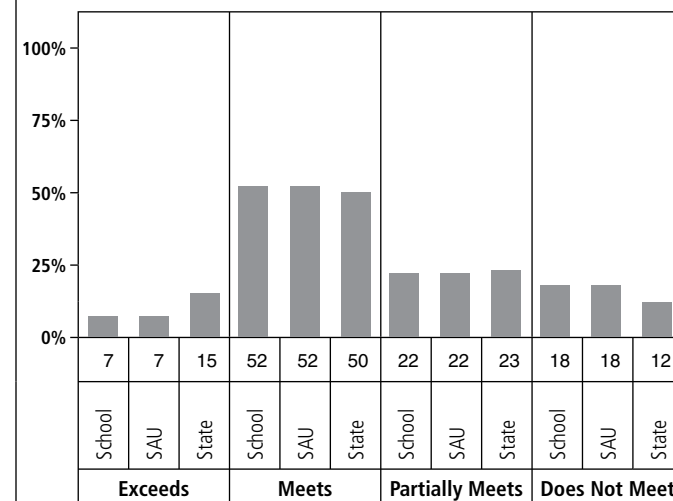
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	543	543	544
2007–2008	541	541	545
2008–2009	544	544	546
Cum. Avg.*	543	543	545
Mathematics			
2006–2007	541	541	546
2007–2008	542	542	546
2008–2009	543	543	547
Cum. Avg.*	542	542	546
Science			
2008–2009 **	541	541	543

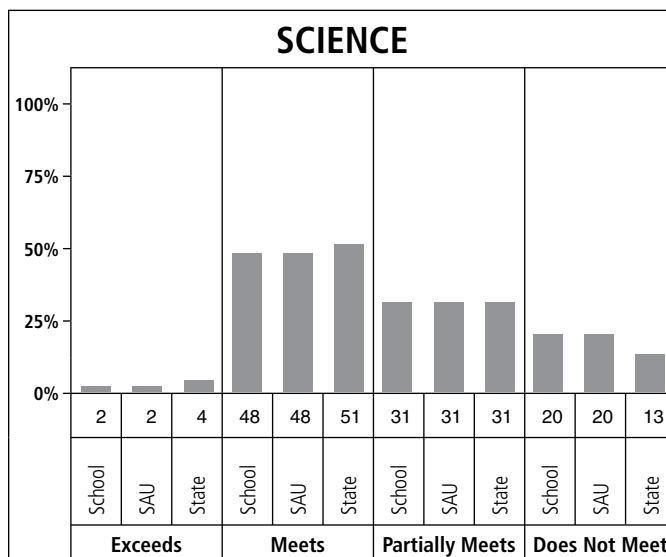
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

**Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	109	100	109	100	14212	100	107	99	107	99	14135	100	107	99	107	99	14144	100	107	99	107	99	14137	100
Ethnicity African American/Black	1	1	1	1	397	3	1	100	1	100	388	98	1	100	1	100	393	99	1	100	1	100	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	1	1	1	1	259	2	1	100	1	100	253	98	1	100	1	100	258	100	1	100	1	100	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	107	98	107	98	13271	93	105	99	105	99	13212	100	105	99	105	99	13211	100	105	99	105	99	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	8	7	8	7	2479	17	7	100	7	100	2454	100	7	100	7	100	2455	100	7	100	7	100	2451	99
Current LEP	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
Economically disadvantaged	50	46	50	46	5848	41	50	100	50	100	5815	100	50	100	50	100	5819	100	50	100	50	100	5812	100
Migrant	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	80	73	80	73	10849	76	80	73	80	73	10872	76	80	73	80	73	10976	77
Identified disability (PET/IEP)	0	0	0	0	298	3	0	0	0	0	307	3	0	0	0	0	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	5	6	5	6	123	1	5	6	5	6	121	1	5	6	5	6	126	1
Participation with accommodations	27	25	27	25	3122	22	27	25	27	25	3124	22	27	25	27	25	3019	21
Identified disability (PET/IEP)	7	26	7	26	1992	64	7	26	7	26	2000	64	7	26	7	26	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	5	19	5	19	84	3	5	19	5	19	86	3	5	19	5	19	81	3
Other	15	56	15	56	907	29	15	56	15	56	886	28	15	56	15	56	826	27
Participation through alternate assessment (PAAP)	0	0	0	0	164	1	0	0	0	0	148	1	0	0	0	0	142	1
Identified disability (PET/IEP)	0	0	0	0	164	100	0	0	0	0	148	100	0	0	0	0	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	1	1	1	1	19	0	1	1	1	1	19	0	1	1	1	1	20	0
Non-participation – other	1	1	1	1	58	0	1	1	1	1	49	0	1	1	1	1	55	0

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	0	0	0	0	702	5
	2007-2008	0	0	0	0	659	5
	2008-2009	2	2	2	2	836	6
	Cum. Total*	2	1	2	1	2197	5
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	47	59	48	59	7730	55
	2007-2008	43	47	43	47	8195	58
	2008-2009	63	59	63	59	8495	61
	Cum. Total*	153	55	154	55	24420	58
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	25	31	25	30	4182	30
	2007-2008	39	42	39	42	3800	27
	2008-2009	33	31	33	31	3667	26
	Cum. Total*	97	35	97	35	11649	28
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	8	10	9	11	1419	10
	2007-2008	10	11	10	11	1362	10
	2008-2009	9	8	9	8	973	7
	Cum. Total*	27	10	28	10	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	29.4	61.3	29.4	61.3	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	14.3	59.6	14.3	59.6	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	15.0	62.5	15.0	62.5	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: MSAD 64
 School: Morison Memorial School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	107	2	2	63	59	33	31	9	8	544	107	2	59	31	8	544	13971	6	61	26	7	546
Ethnicity																						
African American/Black	1										1						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	1										1						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	105	2	2	62	59	32	30	9	9	544	105	2	59	30	9	544	13062	6	62	26	6	546
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	1	14	5	71	1	14	536	7	0	14	71	14	536	2290	0	29	47	23	537
No	100	2	2	62	62	28	28	8	8	544	100	2	62	28	8	544	11681	7	67	22	4	548
Current LEP																						
Yes	0										0						354	1	35	34	30	538
No	107	2	2	63	59	33	31	9	8	544	107	2	59	31	8	544	13617	6	61	26	6	546
Economically disadvantaged																						
Yes	50	0	0	24	48	23	46	3	6	541	50	0	48	46	6	541	5716	2	51	35	12	542
No	57	2	4	39	68	10	18	6	11	546	57	4	68	18	11	546	8255	9	67	20	4	548
Migrant																						
Yes	0										0						8	0	38	25	38	538
No	107	2	2	63	59	33	31	9	8	544	107	2	59	31	8	544	13963	6	61	26	7	546
Gender																						
Female	55	1	2	32	58	16	29	6	11	543	55	2	58	29	11	543	6882	8	62	24	6	547
Male	52	1	2	31	60	17	33	3	6	544	52	2	60	33	6	544	7089	4	60	28	8	545
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1914	1	41	44	14	540
No	107	2	2	63	59	33	31	9	8	544	107	2	59	31	8	544	12057	7	64	23	6	547
Gifted/talented program																						
Yes	0										0						450	26	72	2	0	557
No	107	2	2	63	59	33	31	9	8	544	107	2	59	31	8	544	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

QUESTIONNAIRE ITEMS	School										SAU						State						
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%		
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	4 69 22 6	0 1 1 0	0 1 4 0	1 46 13 3	25 63 57 50	3 19 7 3	75 26 30 50	0 7 2 0	0 10 9 0	541 544 543 543	4 69 22 6	0 1 4 0	25 63 57 50	75 26 30 50	0 10 9 0	541 544 543 543	4 70 24 2	2 6 7 4	40 63 61 42	34 26 26 33	24 6 6 21	540 546 546 541	
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	39 47 9 6	2 0 0 0	5 0 0 0	25 30 5 2	61 61 56 33	11 15 3 3	27 31 33 50	3 4 1 1	7 8 11 17	546 544 543 533	39 47 9 6	5 0 0 0	61 61 56 33	27 31 33 50	7 8 11 17	546 544 543 533	36 47 15 2	10 5 2 0	67 62 47 30	18 27 40 46	5 6 12 24	549 546 541 537	
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	36 50 12 2	2 0 0 0	5 0 0 0	26 29 8 0	68 55 62 0	7 20 5 0	18 38 38 0	3 4 0 2	8 8 0 100	547 542 544 528	36 50 12 2	5 0 0 0	68 55 62 0	18 38 38 0	8 8 0 100	547 542 544 528	31 55 10 3	9 5 3 1	65 63 45 31	20 27 38 41	5 5 14 27	548 546 542 537	
How difficult was the reading part of this test? A. more difficult than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	9 65 26	0 2 0	0 3 0	3 42 16	33 62 59	3 19 10	33 28 37	3 5 1	33 7 4	537 544 544	9 65 26	0 3 0	33 62 59	33 28 37	33 7 4	537 544 544	16 64 20	3 7 5	49 63 62	32 25 26	15 5 7	542 547 546	
How difficult were the reading passages on this test? A. Most of the passages were more difficult than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	9 49 42	0 1 1	0 2 2	2 29 32	20 56 73	6 19 7	60 37 16	2 3 4	20 6 9	536 544 546	9 49 42	0 2 2	20 56 73	60 37 16	20 6 9	536 544 546	10 52 38	1 4 10	33 61 68	42 29 18	24 6 4	538 545 549	
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	11 61 9 18	0 1 1 0	0 2 10 0	8 45 5 5	67 69 50 26	4 15 3 10	33 23 30 53	0 4 1 4	0 6 10 21	546 545 543 539	11 61 9 18	0 2 10 0	67 69 50 26	33 23 30 53	0 6 10 21	546 545 543 539	20 56 10 14	10 7 3 1	64 65 52 46	21 24 33 38	5 5 12 14	548 547 543 541	
How many pages do you read in school and to complete homework assignments? A. five or fewer pages B. six to ten pages C. eleven or more pages	23 30 47	0 0 2	0 0 4	9 18 35	38 58 71	12 11 8	50 35 16	3 2 4	13 6 8	541 542 546	23 30 47	0 0 4	38 58 71	50 35 16	13 6 8	541 542 546	25 26 49	3 6 8	53 61 65	33 26 23	11 7 5	543 546 547	
Optional school/SAU question A. B. C. D.	0 0 0 100										0 0 0 100												

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	2	3	2	2	1711	12
	2007-2008	9	10	9	10	1617	12
	2008-2009	8	7	8	7	2119	15
	Cum. Total*	19	7	19	7	5447	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	41	51	41	50	6778	48
	2007-2008	39	42	39	42	7284	52
	2008-2009	56	52	56	52	7046	50
	Cum. Total*	136	49	136	48	21108	50
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	23	29	24	29	3884	28
	2007-2008	25	27	25	27	3341	24
	2008-2009	24	22	24	22	3193	23
	Cum. Total*	72	26	73	26	10418	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	14	18	15	18	1683	12
	2007-2008	19	21	19	21	1778	13
	2008-2009	19	18	19	18	1638	12
	Cum. Total*	52	19	53	19	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	23.3	48.5	23.3	48.5	25.5	53.1
A. Number	18	38	8.9	49.4	8.9	49.4	9.8	54.4
B. Data	10	21	4.6	46.0	4.6	46.0	5.2	52.0
C. Geometry	10	21	4.3	43.0	4.3	43.0	4.7	47.0
D. Algebra	10	21	5.5	55.0	5.5	55.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 5
 SAU: MSAD 64
 School: Morison Memorial School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	107	8	7	56	52	24	22	19	18	543	107	7	52	22	18	543	13996	15	50	23	12	547
Ethnicity																						
African American/Black	1										1						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	1										1						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	105	8	8	55	52	23	22	19	18	543	105	8	52	22	18	543	13078	15	51	23	11	547
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	2	29	2	29	3	43	529	7	0	29	29	43	529	2307	3	32	32	33	536
No	100	8	8	54	54	22	22	16	16	544	100	8	54	22	16	544	11689	17	54	21	8	549
Current LEP																						
Yes	0										0						365	5	33	30	32	536
No	107	8	7	56	52	24	22	19	18	543	107	7	52	22	18	543	13631	15	51	23	11	547
Economically disadvantaged																						
Yes	50	1	2	24	48	15	30	10	20	539	50	2	48	30	20	539	5731	7	46	29	18	542
No	57	7	12	32	56	9	16	9	16	546	57	12	56	16	16	546	8265	21	53	19	7	550
Migrant																						
Yes	0										0						8	0	38	50	13	540
No	107	8	7	56	52	24	22	19	18	543	107	7	52	22	18	543	13988	15	50	23	12	547
Gender																						
Female	55	5	9	27	49	11	20	12	22	542	55	9	49	20	22	542	6889	14	51	23	12	546
Male	52	3	6	29	56	13	25	7	13	544	52	6	56	25	13	544	7107	16	50	23	11	547
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1918	3	39	36	22	539
No	107	8	7	56	52	24	22	19	18	543	107	7	52	22	18	543	12078	17	52	21	10	548
Gifted/talented program																						
Yes	0										0						450	64	34	2	0	564
No	107	8	7	56	52	24	22	19	18	543	107	7	52	22	18	543	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights?																						
A. none	4	0	0	1	25	1	25	2	50	529	4	0	25	25	50	529	4	8	38	26	28	539
B. less than one hour	69	5	7	43	59	13	18	12	16	544	69	7	59	18	16	544	70	15	52	23	10	547
C. one to two hours	22	3	13	10	43	6	26	4	17	543	22	13	43	26	17	543	24	15	51	23	11	547
D. more than two hours	6	0	0	2	33	4	67	0	0	541	6	0	33	67	0	541	2	9	37	24	30	539
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	38	6	15	23	59	9	23	1	3	550	38	15	59	23	3	550	34	28	50	14	8	552
B. good	43	2	5	27	61	8	18	7	16	543	43	5	61	18	16	543	45	11	54	24	10	546
C. fair	15	0	0	6	40	4	27	5	33	536	15	0	40	27	33	536	18	3	45	33	19	540
D. poor	5	0	0	0	0	2	40	3	60	525	5	0	0	40	60	525	3	1	29	41	29	535
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	39	2	5	25	61	10	24	4	10	545	39	5	61	24	10	545	38	22	52	19	7	550
B. They match some of what I have learned.	48	4	8	29	57	13	25	5	10	545	48	8	57	25	10	545	48	12	53	24	11	546
C. They match just a little of what I have learned.	10	1	9	1	9	1	9	8	73	527	10	9	9	9	73	527	11	6	40	30	24	540
D. There is no match.	3	1	33	1	33	0	0	1	33	541	3	33	33	0	33	541	3	6	26	29	38	534
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	23	2	9	6	26	6	26	9	39	535	23	9	26	26	39	535	17	7	42	30	21	540
B. about the same as my regular schoolwork	67	5	7	43	63	12	18	8	12	546	67	7	63	18	12	546	64	15	53	23	10	547
C. easier than my regular schoolwork	11	1	9	5	45	4	36	1	9	545	11	9	45	36	9	545	19	24	49	17	10	550
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	7	0	0	2	29	2	29	3	43	535	7	0	29	29	43	535	7	6	39	27	27	539
B. 30–45 minutes	36	2	5	22	58	7	18	7	18	542	36	5	58	18	18	542	28	9	49	28	15	544
C. 45–60 minutes	31	4	12	18	55	7	21	4	12	547	31	12	55	21	12	547	41	17	53	21	9	548
D. more than 60 minutes	26	2	7	14	50	8	29	4	14	543	26	7	50	29	14	543	24	21	51	20	8	549
How often do you use calculators in mathematics class?																						
A. almost every day	4	0	0	2	50	2	50	0	0	539	4	0	50	50	0	539	6	14	43	24	20	543
B. two or three days a week	11	1	8	7	58	4	33	0	0	547	11	8	58	33	0	547	24	17	52	21	10	548
C. two or three times each month	26	3	11	16	57	5	18	4	14	547	26	11	57	18	14	547	33	17	52	21	9	548
D. never or almost never	58	4	6	31	50	13	21	14	23	541	58	6	50	21	23	541	38	12	49	25	14	545
How often do you use hands-on materials in mathematics class?																						
A. almost every day	24	2	8	14	56	6	24	3	12	545	24	8	56	24	12	545	23	13	47	26	15	545
B. two or three days a week	24	2	8	11	44	8	32	4	16	543	24	8	44	32	16	543	31	17	52	21	10	548
C. two or three times each month	12	1	8	6	46	3	23	3	23	541	12	8	46	23	23	541	27	17	52	21	10	548
D. never or almost never	41	3	7	25	58	7	16	8	19	543	41	7	58	16	19	543	20	12	50	24	14	545
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	100	1	100	0	0	0	0	0	0	564	100	100	0	0	0	564						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

SCIENCE RESULTS

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	2	2	2	2	626	4
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	51	48	51	48	7187	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	33	31	33	31	4364	31
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	21	20	21	20	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	48	100	27.6	57.5	27.6	57.5	29.2	60.8
D. The Physical Setting	24	50	12.1	50.4	12.1	50.4	12.9	53.8
E. The Living Environment	24	50	15.4	64.2	15.4	64.2	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	107	2	2	51	48	33	31	21	20	541	107	2	48	31	20	541	13995	4	51	31	13	543
Ethnicity																						
African American/Black	1										1						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	1										1						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	105	2	2	50	48	33	31	20	19	541	105	2	48	31	19	541	13080	5	52	31	12	544
Not Reported	0										0						0					
Identified disability																						
Yes	7	0	0	1	14	2	29	4	57	527	7	0	14	29	57	527	2309	2	29	39	29	536
No	100	2	2	50	50	31	31	17	17	542	100	2	50	31	17	542	11686	5	56	30	10	545
Current LEP																						
Yes	0										0						361	1	23	32	44	533
No	107	2	2	51	48	33	31	21	20	541	107	2	48	31	20	541	13634	5	52	31	12	544
Economically disadvantaged																						
Yes	50	0	0	19	38	18	36	13	26	537	50	0	38	36	26	537	5729	2	42	37	20	539
No	57	2	4	32	56	15	26	8	14	544	57	4	56	26	14	544	8266	6	58	27	8	546
Migrant																						
Yes	0										0						8	0	25	13	63	530
No	107	2	2	51	48	33	31	21	20	541	107	2	48	31	20	541	13987	4	51	31	13	543
Gender																						
Female	55	0	0	23	42	19	35	13	24	538	55	0	42	35	24	538	6886	4	49	33	14	542
Male	52	2	4	28	54	14	27	8	15	543	52	4	54	27	15	543	7109	5	54	29	12	544
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1917	1	31	41	28	536
No	107	2	2	51	48	33	31	21	20	541	107	2	48	31	20	541	12078	5	55	30	11	544
Gifted/talented program																						
Yes	0										0						450	25	72	2	1	557
No	107	2	2	51	48	33	31	21	20	541	107	2	48	31	20	541	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 5
SAU: MSAD 64
School: Morison Memorial School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	1	25	1	25	2	50	535	4	0	25	25	50	535	4	2	37	35	25	538
B. less than one hour	69	2	3	35	48	25	34	11	15	541	69	3	48	34	15	541	70	4	53	31	12	544
C. one to two hours	22	0	0	12	52	4	17	7	30	540	22	0	52	17	30	540	24	5	51	31	12	544
D. more than two hours	6	0	0	3	50	2	33	1	17	540	6	0	50	33	17	540	2	4	39	31	26	539
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	18	1	5	9	47	3	16	6	32	541	18	5	47	16	32	541	26	7	56	26	11	545
B. good	51	1	2	29	54	16	30	8	15	542	51	2	54	30	15	542	53	4	53	31	11	544
C. fair	27	0	0	12	41	11	38	6	21	538	27	0	41	38	21	538	18	2	41	39	17	540
D. poor	4	0	0	1	25	2	50	1	25	536	4	0	25	50	25	536	3	1	33	36	30	536
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	30	0	0	15	47	10	31	7	22	540	30	0	47	31	22	540	23	5	56	28	11	544
B. They match some of what I have learned.	50	1	2	29	55	15	28	8	15	542	50	2	55	28	15	542	48	5	52	31	12	544
C. They match just a little of what I have learned.	15	1	6	7	44	5	31	3	19	542	15	6	44	31	19	542	23	4	49	33	14	543
D. There is no match.	5	0	0	0	0	2	40	3	60	524	5	0	0	40	60	524	6	3	40	34	23	539
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	20	1	5	8	38	6	29	6	29	539	20	5	38	29	29	539	23	5	48	31	16	543
B. about the same as my regular schoolwork	65	0	0	33	49	24	35	11	16	540	65	0	49	35	16	540	58	4	52	32	12	543
C. easier than my regular schoolwork	15	1	6	9	56	2	13	4	25	543	15	6	56	13	25	543	19	6	53	29	11	544
How often do you have science classes?																						
A. every day	30	0	0	13	41	8	25	11	34	537	30	0	41	25	34	537	33	5	51	31	14	543
B. a few times a week	55	2	3	30	52	19	33	7	12	542	55	3	52	33	12	542	45	4	52	32	11	544
C. once a week	7	0	0	5	71	0	0	2	29	546	7	0	71	0	29	546	8	4	50	30	16	542
D. a few times a month	8	0	0	3	38	4	50	1	13	537	8	0	38	50	13	537	15	4	52	30	14	543
Which statement best describes how you learn science?																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	41	1	2	20	47	14	33	8	19	541	41	2	47	33	19	541	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	20	0	0	7	33	7	33	7	33	536	20	0	33	33	33	536	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	28	1	3	20	67	7	23	2	7	545	28	3	67	23	7	545	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	11	0	0	4	33	4	33	4	33	535	11	0	33	33	33	535	21	6	58	27	10	545
How often do you make observations and collect data in science class?																						
A. a few times a week	48	0	0	20	40	15	30	15	30	537	48	0	40	30	30	537	47	4	51	32	12	543
B. a few times a month	26	2	7	17	63	7	26	1	4	547	26	7	63	26	4	547	27	5	54	30	11	544
C. once a month	10	0	0	3	30	4	40	3	30	537	10	0	30	40	30	537	10	5	49	30	15	543
D. never or almost never	17	0	0	10	56	6	33	2	11	542	17	0	56	33	11	542	15	3	48	32	16	542
How often do you use observations and data to support your idea about science?																						
A. a few times a week	44	0	0	19	42	16	36	10	22	538	44	0	42	36	22	538	46	4	52	32	12	543
B. a few times a month	38	1	3	20	51	11	28	7	18	542	38	3	51	28	18	542	28	5	53	30	12	544
C. once a month	6	0	0	3	50	1	17	2	33	540	6	0	50	17	33	540	11	4	47	34	15	542
D. never or almost never	13	0	0	8	62	3	23	2	15	543	13	0	62	23	15	543	15	4	50	30	16	542
Optional school/SAU question																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	100	1	100	0	0	0	0	0	0	574	100	100	0	0	0	574						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number